

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081721\
 Data File : VY005711.D
 Acq On : 17 Aug 2021 14:52
 Operator : SY/MD
 Sample : M3390-03
 Misc : 6.45G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 01:51:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

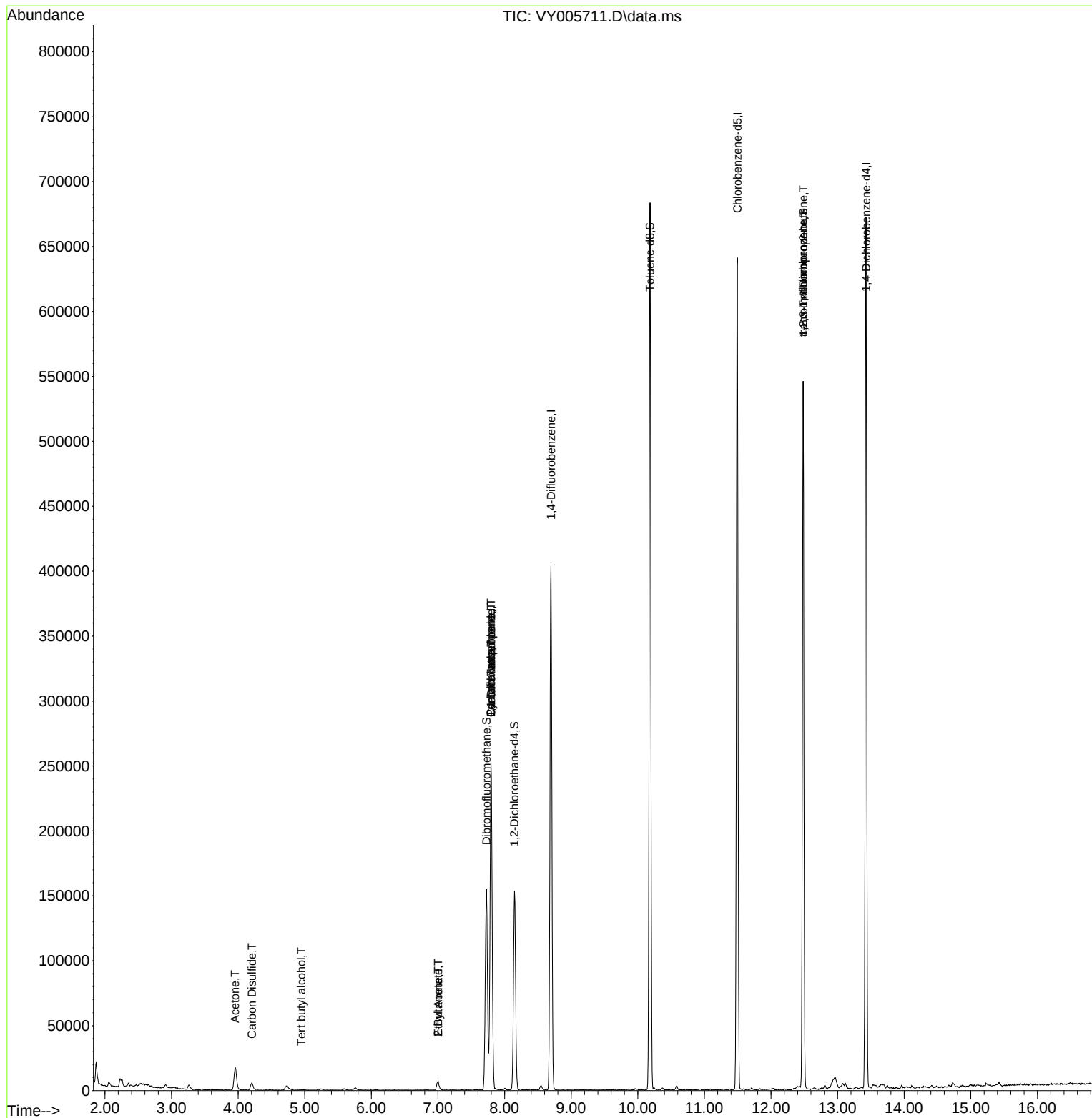
Internal Standards						
1) Pentafluorobenzene	7.795	168	200747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	342969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	347170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	173348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	124453	61.245	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.480%	
35) Dibromofluoromethane	7.728	113	102552	53.407	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.820%	
50) Toluene-d8	10.184	98	441630	54.839	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.680%	
62) 4-Bromofluorobenzene	12.483	95	151637	56.861	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	352	1.752	ug/l #	73
16) Acetone	3.954	43	30841	60.197	ug/l	98
17) Carbon Disulfide	4.204	76	10898	2.043	ug/l	96
20) Methylene Chloride	4.734	84	2406	Below Cal	#	83
25) 2-Butanone	7.002	43	11165	14.743	ug/l	100
31) Cyclohexane	7.795	56	4226	1.212	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	14347	4.460	ug/l #	49
37) Ethyl Acetate	7.002	43	11165	5.729	ug/l #	70
38) Carbon Tetrachloride	7.795	117	18003	5.149	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	84577	47.082	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	84577	94.911	ug/l #	11

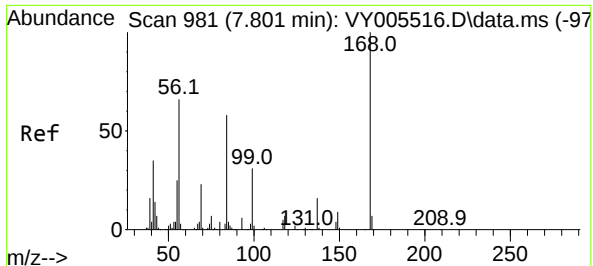
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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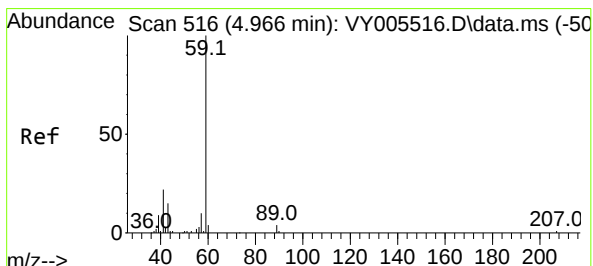
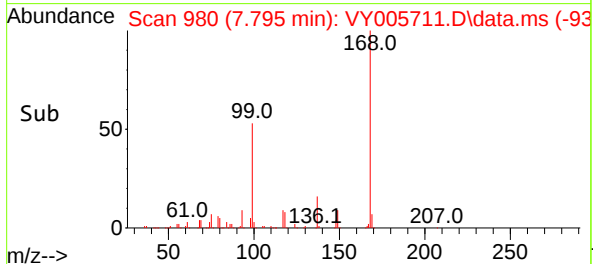
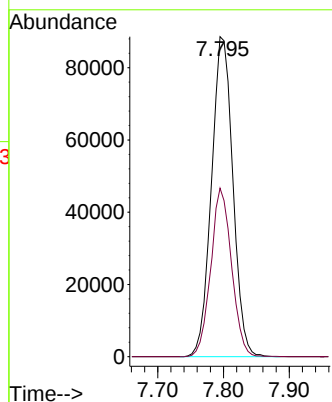
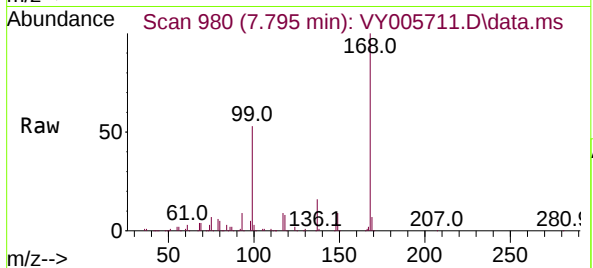




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005711.D
Acq: 17 Aug 2021 14:52

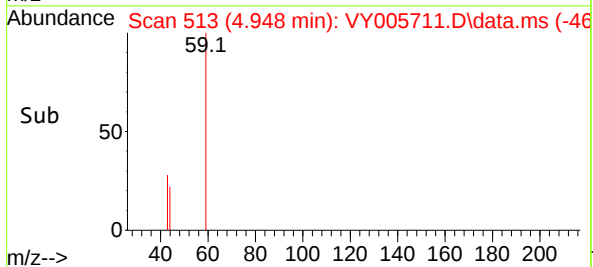
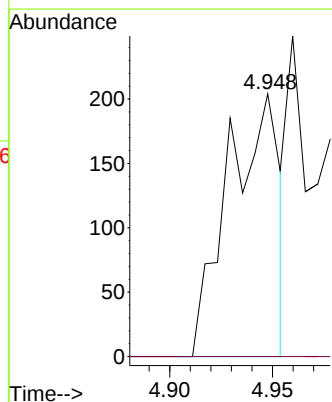
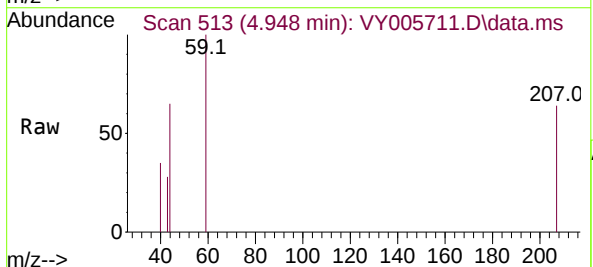
Instrument :
MSVOA_Y
ClientSampleId :

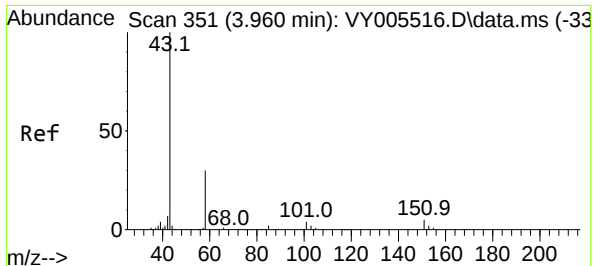
Tgt Ion:168 Resp: 200747
Ion Ratio Lower Upper
168 100
99 52.7 38.9 58.3



#11
Tert butyl alcohol
Concen: 1.752 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.019 min
Lab File: VY005711.D
Acq: 17 Aug 2021 14:52

Tgt Ion: 59 Resp: 352
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

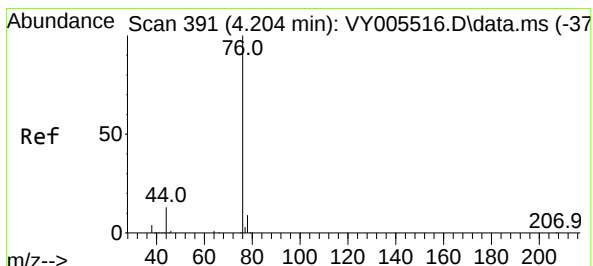
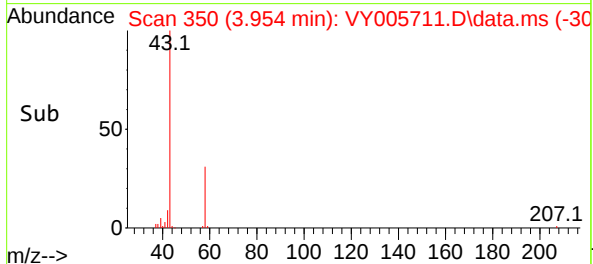
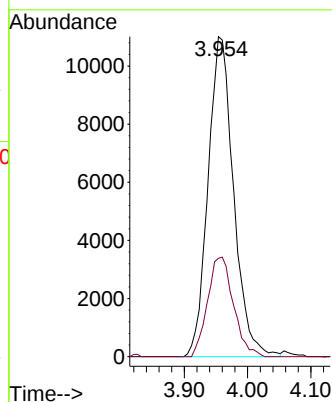
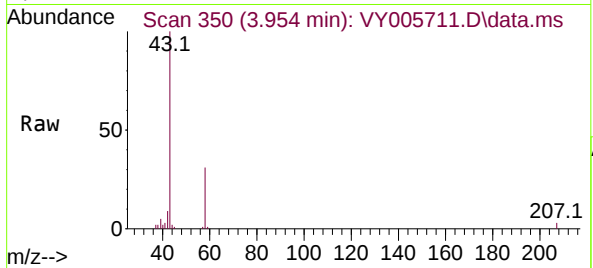




#16
Acetone
Concen: 60.197 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.007 min
Lab File: VY005711.D
Acq: 17 Aug 2021 14:52

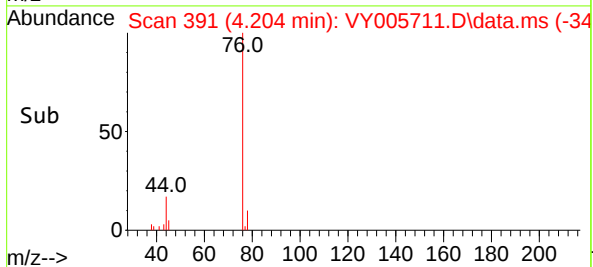
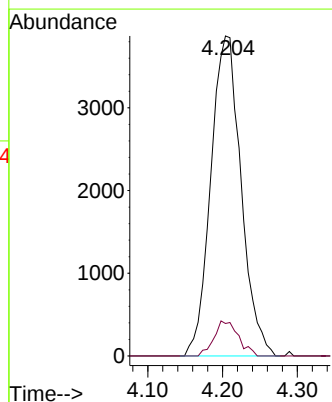
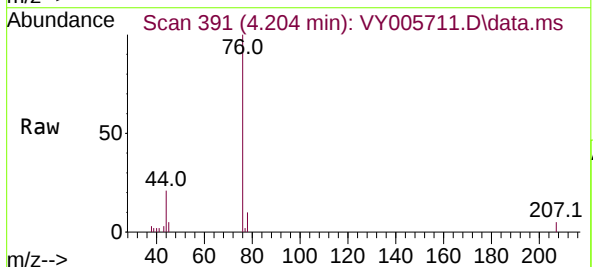
Instrument :
MSVOA_Y
ClientSampled :

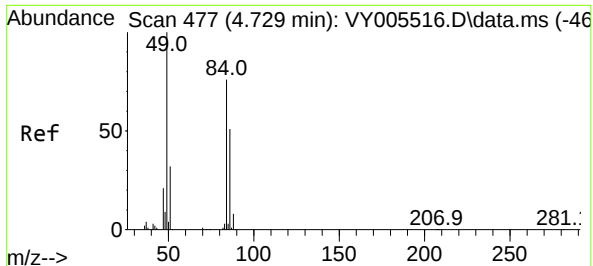
Tgt Ion: 43 Resp: 30841
Ion Ratio Lower Upper
43 100
58 30.7 23.8 35.6



#17
Carbon Disulfide
Concen: 2.043 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005711.D
Acq: 17 Aug 2021 14:52

Tgt Ion: 76 Resp: 10898
Ion Ratio Lower Upper
76 100
78 10.1 7.0 10.6

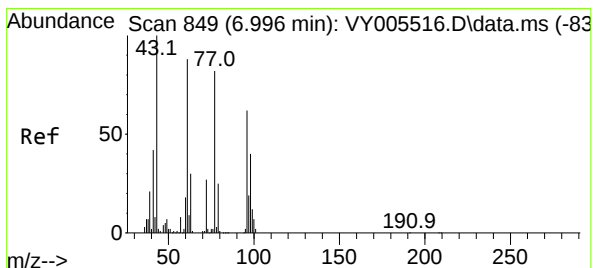
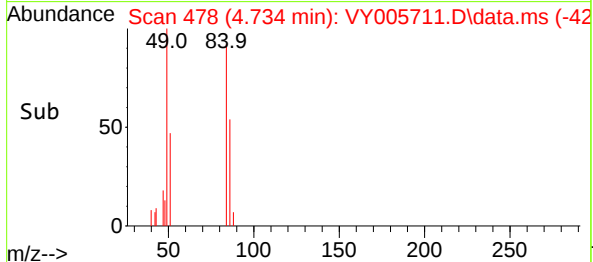
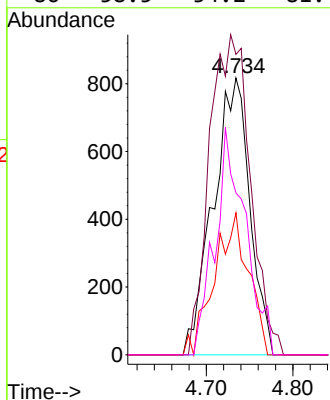
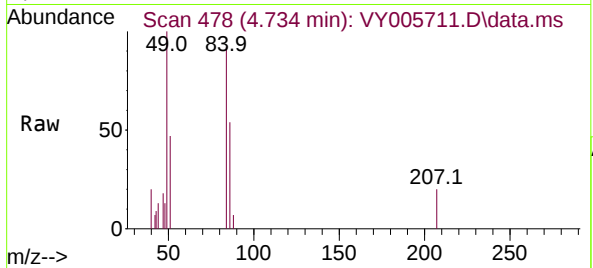




#20
Methylene Chloride
Concen: Below Cal
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY005711.D
Acq: 17 Aug 2021 14:52

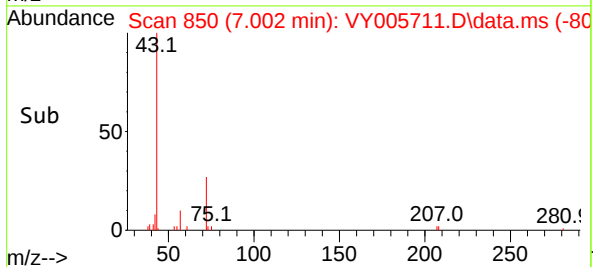
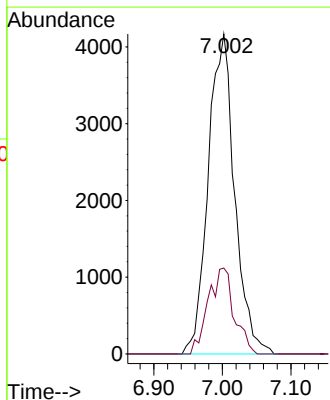
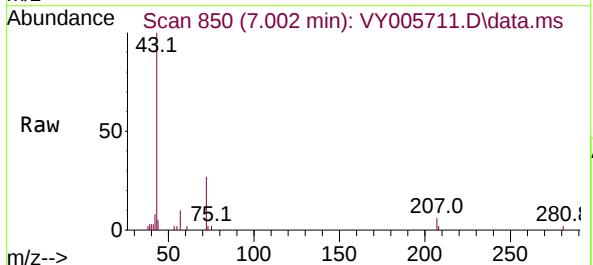
Instrument :
MSVOA_Y
ClientSampleId :

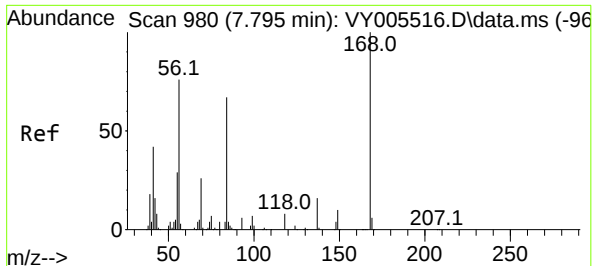
Tgt Ion:	84	Resp:	2406
Ion	Ratio	Lower	Upper
84	100		
49	108.6	105.8	158.6
51	51.3	33.4	50.2#
86	58.5	54.2	81.4



#25
2-Butanone
Concen: 14.743 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY005711.D
Acq: 17 Aug 2021 14:52

Tgt Ion:	43	Resp:	11165
Ion	Ratio	Lower	Upper
43	100		
72	26.9	21.4	32.2

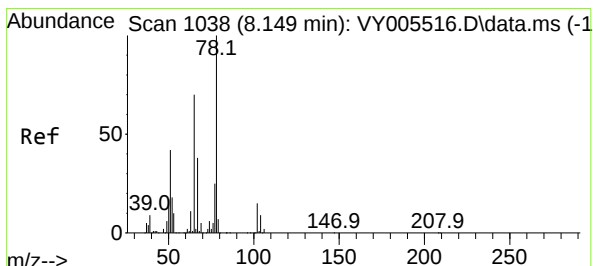
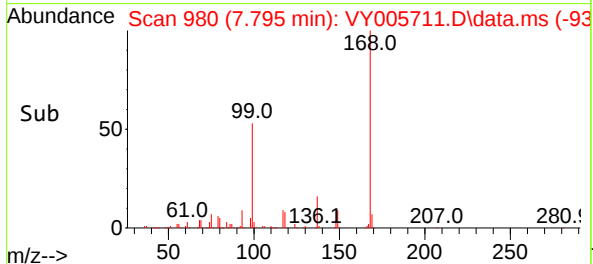
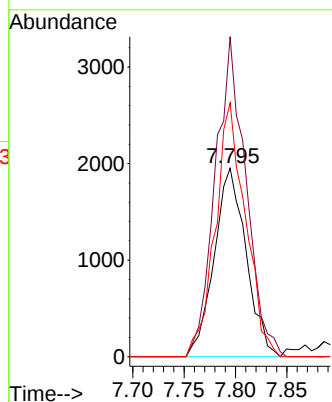
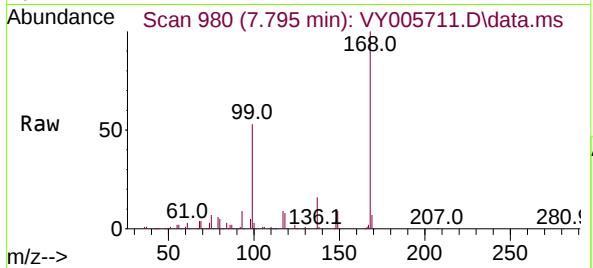




#31
Cyclohexane
Concen: 1.212 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005711.D
Acq: 17 Aug 2021 14:52

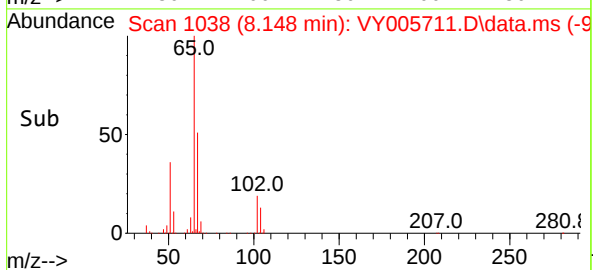
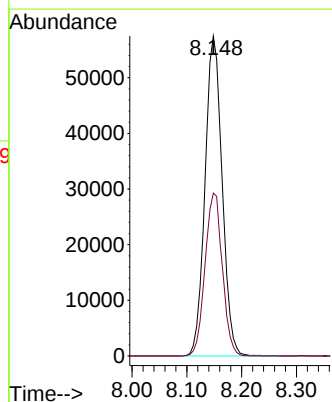
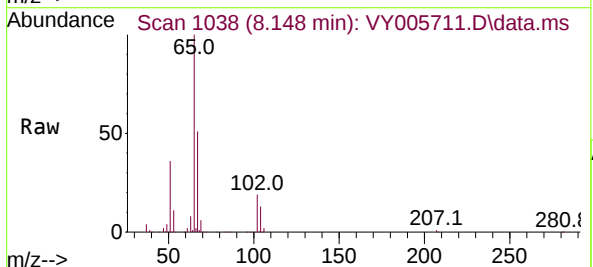
Instrument :
MSVOA_Y
ClientSampled :

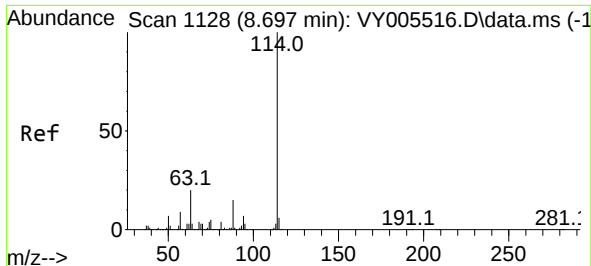
Tgt Ion: 56 Resp: 4226
Ion Ratio Lower Upper
56 100
69 169.7 27.7 41.5#
84 134.7 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 61.245 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005711.D
Acq: 17 Aug 2021 14:52

Tgt Ion: 65 Resp: 124453
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4

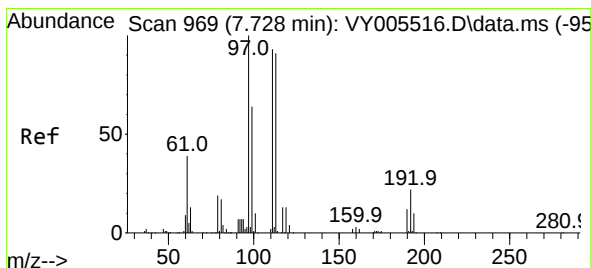
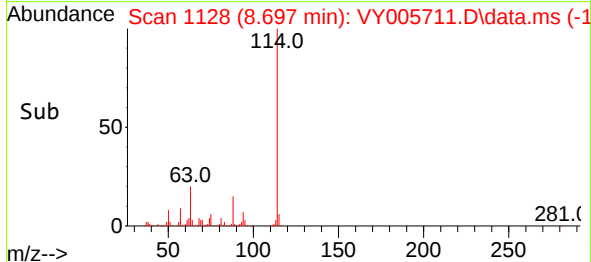
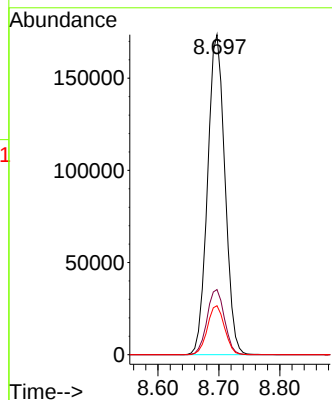
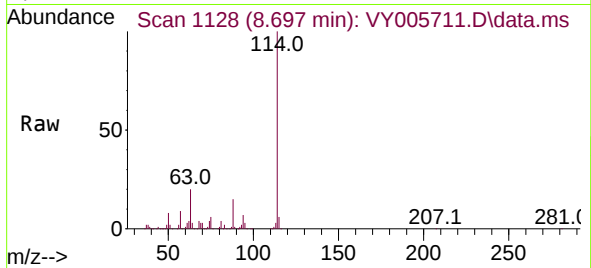




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005711.D
Acq: 17 Aug 2021 14:52

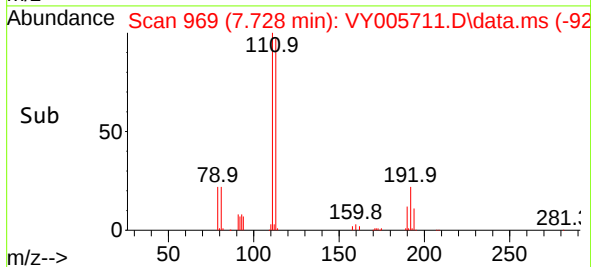
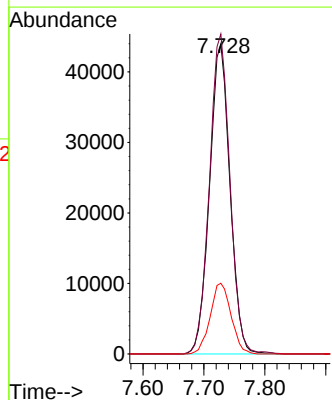
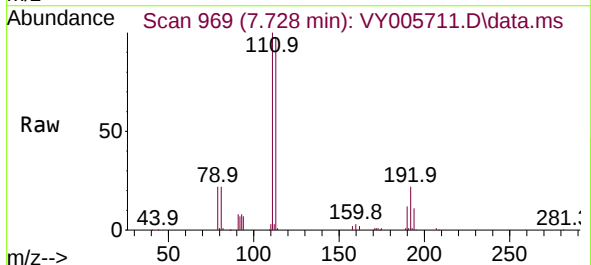
Instrument :
MSVOA_Y
ClientSampleId :

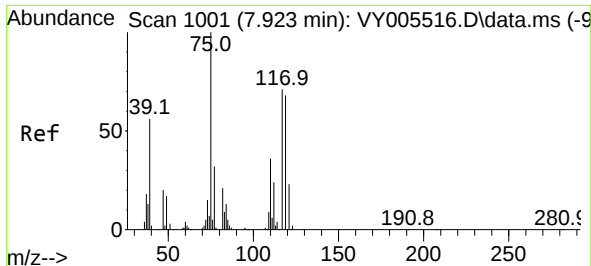
Tgt Ion:114 Resp: 342969
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.2
88 15.3 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.407 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005711.D
Acq: 17 Aug 2021 14:52

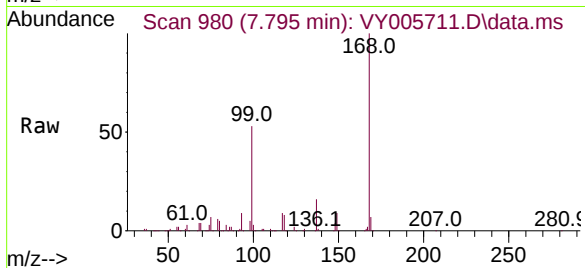
Tgt Ion:113 Resp: 102552
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 23.3 19.2 28.8



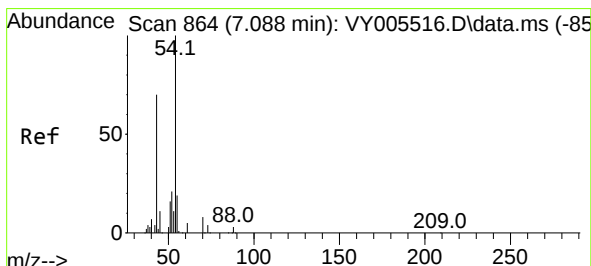
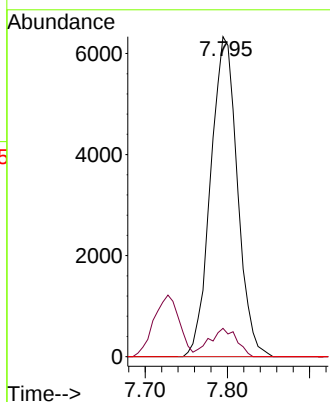
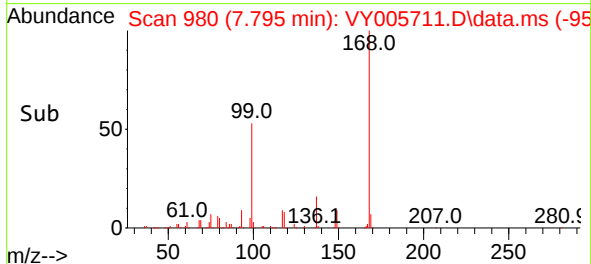


#36
1,1-Dichloropropene
Concen: 4.460 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005711.D
Acq: 17 Aug 2021 14:52

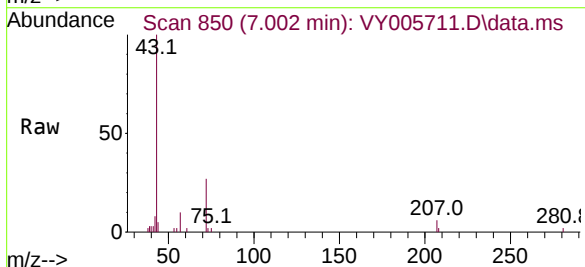
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MSVOA_Y
ClientSampleId :



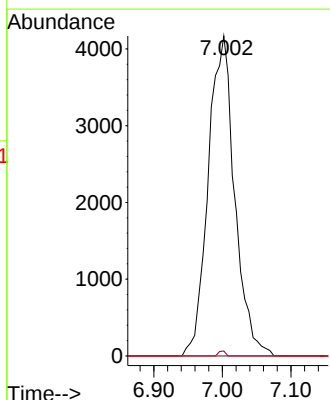
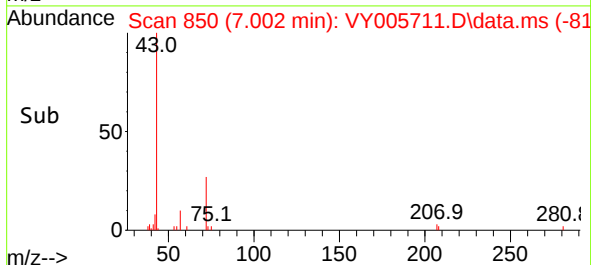
Tgt Ion: 75 Resp: 14347
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.1#
77 0.0 25.1 37.7#

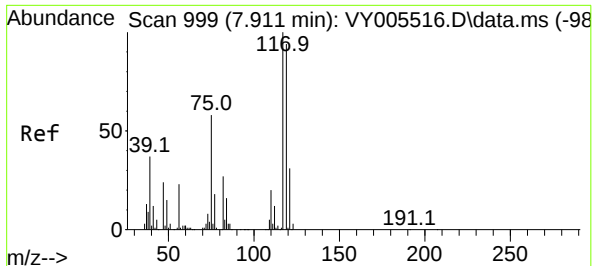


#37
Ethyl Acetate
Concen: 5.729 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.086 min
Lab File: VY005711.D
Acq: 17 Aug 2021 14:52



Tgt Ion: 43 Resp: 11165
Ion Ratio Lower Upper
43 100
61 0.4 10.6 15.8#
70 0.0 8.6 13.0#

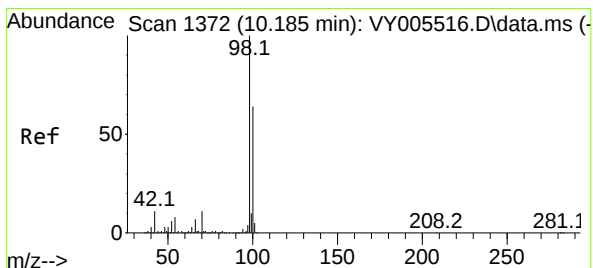
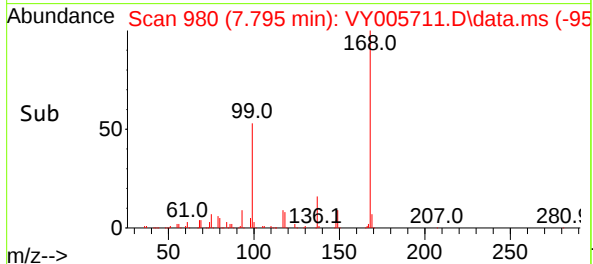
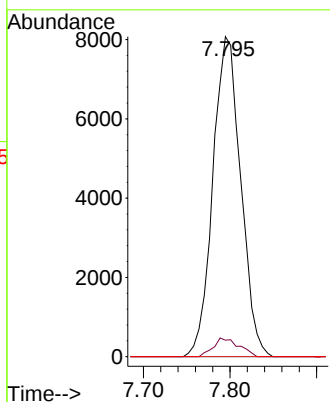
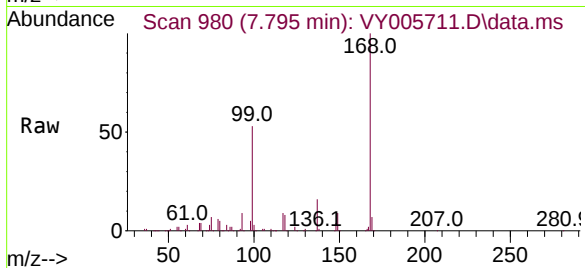




#38
Carbon Tetrachloride
Concen: 5.149 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005711.D
Acq: 17 Aug 2021 14:52

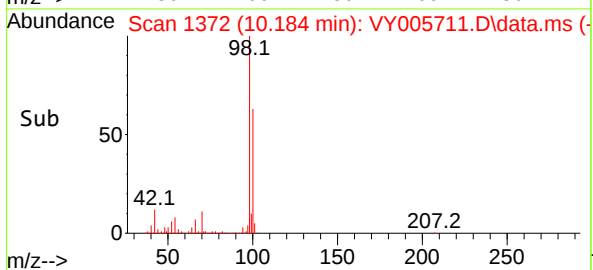
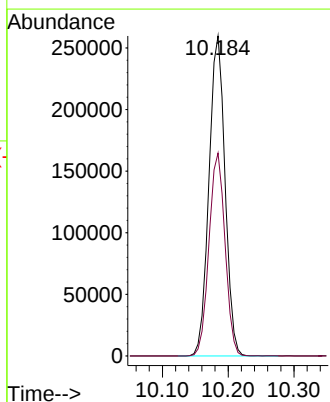
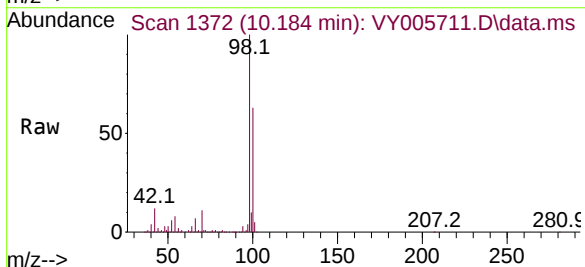
Instrument :
MSVOA_Y
ClientSampleId :

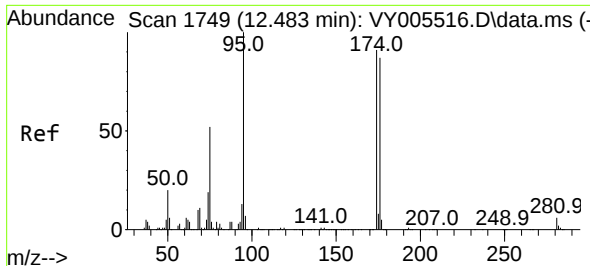
Tgt Ion:117 Resp: 18003
Ion Ratio Lower Upper
117 100
119 5.2 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 54.839 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005711.D
Acq: 17 Aug 2021 14:52

Tgt Ion: 98 Resp: 441630
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9

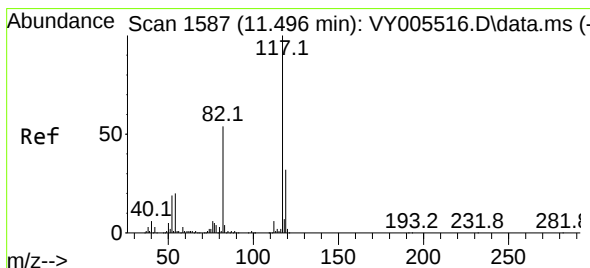
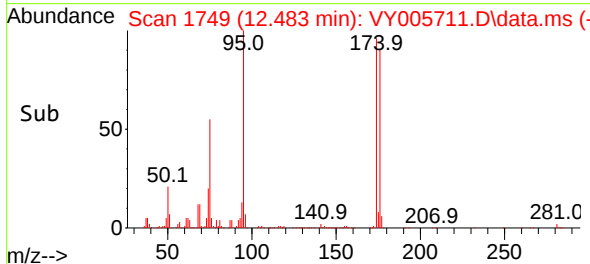
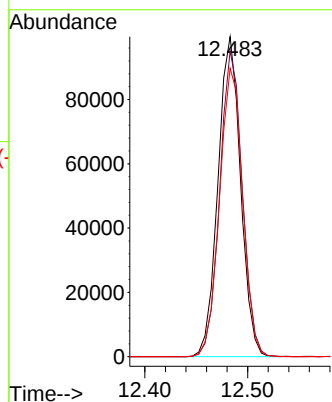
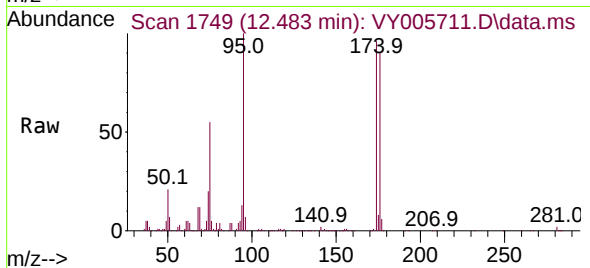




#62
4-Bromofluorobenzene
Concen: 56.861 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005711.D
Acq: 17 Aug 2021 14:52

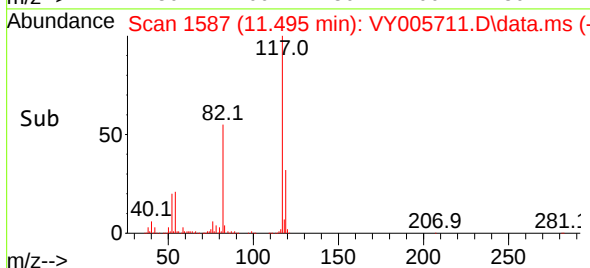
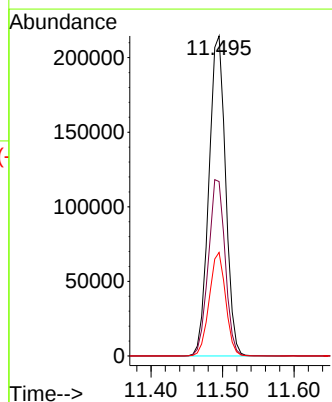
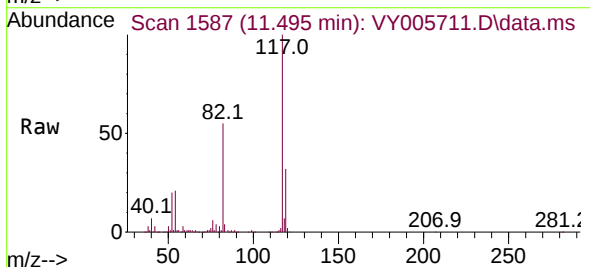
Instrument :
MSVOA_Y
ClientSampleId :

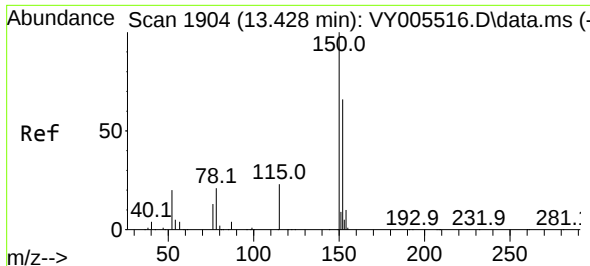
Tgt Ion: 95 Resp: 151637
Ion Ratio Lower Upper
95 100
174 95.2 0.0 191.4
176 92.3 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005711.D
Acq: 17 Aug 2021 14:52

Tgt Ion: 117 Resp: 347170
Ion Ratio Lower Upper
117 100
82 54.5 43.5 65.3
119 32.4 25.5 38.3

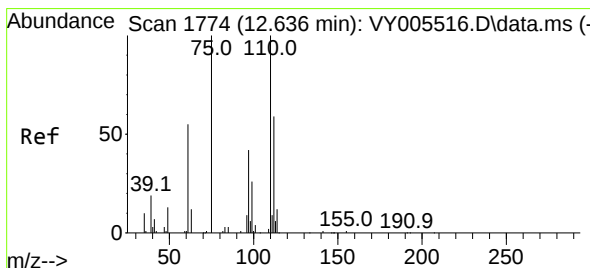
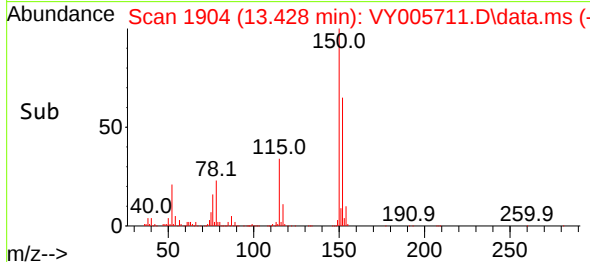
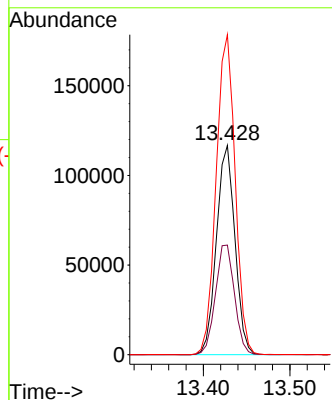
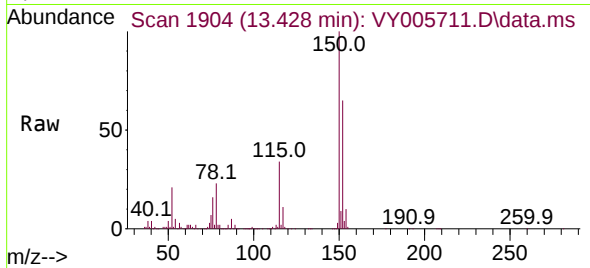




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005711.D
 Acq: 17 Aug 2021 14:52

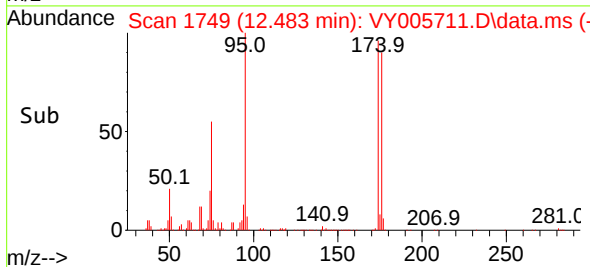
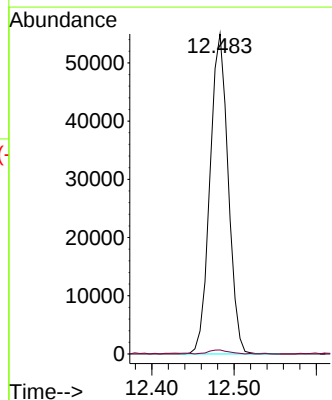
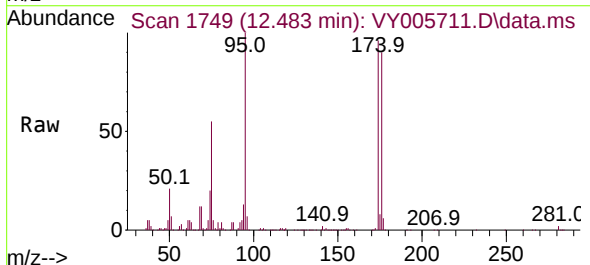
Instrument :
 MSVOA_Y
 ClientSampleId :

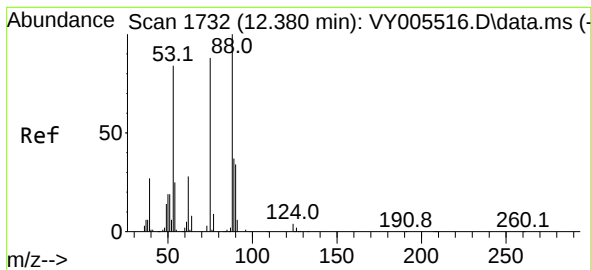
Tgt Ion:152 Resp: 173348
 Ion Ratio Lower Upper
 152 100
 115 54.0 27.3 81.9
 150 156.8 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 47.082 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005711.D
 Acq: 17 Aug 2021 14:52

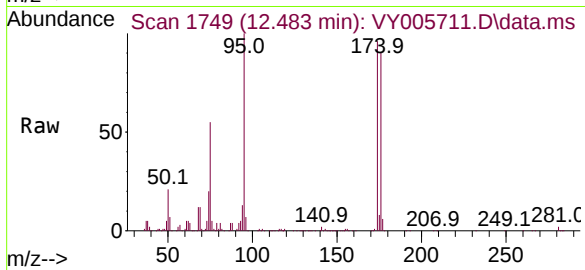
Tgt Ion: 75 Resp: 84577
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.911 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005711.D
 Acq: 17 Aug 2021 14:52

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.7	115.1#
89	0.0	38.4	57.6#

